

Refrec Reclaim makes light work of recovering R434A

2 months ago



[Beijer Ref](#)'s high-speed Refrec Reclaim refrigerant recovery service helped contractor EJM Engineered Systems to complete a coldstore plant room upgrade for a customer in Norfolk.

With new plant installed for temperature-controlled storage and logistics specialist StoreLogs, in Thetford, the refrigerant remaining in previous equipment needed to be removed quickly and efficiently.

Almost 1200kg of R434A was recovered and transported to Beijer Ref Refrigerants, where it was cleaned before being returned for on-going service and maintenance of the equipment. The cleaning process removes all contaminants, moisture and non-condensables, and resulted in a yield for the customer of 82%.

Paul Cable, Managing Director at EJM Engineered Systems, said: "From the initial contact with Alec Stilling and subsequent follow-up from Clair Deighton, this project was on a critical timeline and was very well executed by Beijer Ref. The Refrec Reclaim team worked alongside our own engineers and the total refrigerant charge of 1179kg was reclaimed within two days, instead of the 6-7 days it would otherwise have taken.

"Recovery into the supplied cylinders and all paperwork was completed to the satisfaction of ourselves and our customer, with the site left clean and tidy. Overall a very impressive performance."

Refrec Reclaim is suitable for heating, ventilation, air conditioning, refrigeration and demolition applications. It is designed to simplify recovery from larger systems by reducing the time contractors need to spend on site, saving them money by increasing the speed at which refrigerant is extracted.

The reclamation and cleaning process also helps to reduce environmental impact and maintain a sustainable refrigerant supply as reclaimed refrigerants are quota-exempt.

The service is available for single or multiple systems with a charge of more than 100kg (HFC/HFO only, no ammonia, CO₂, or flammable refrigerants). The package includes a qualified technician, high speed recovery machine, necessary equipment to extract the refrigerant and the supply of cylinders required to complete the task. All required paperwork is completed by the attending technician.